

FIG. 4A

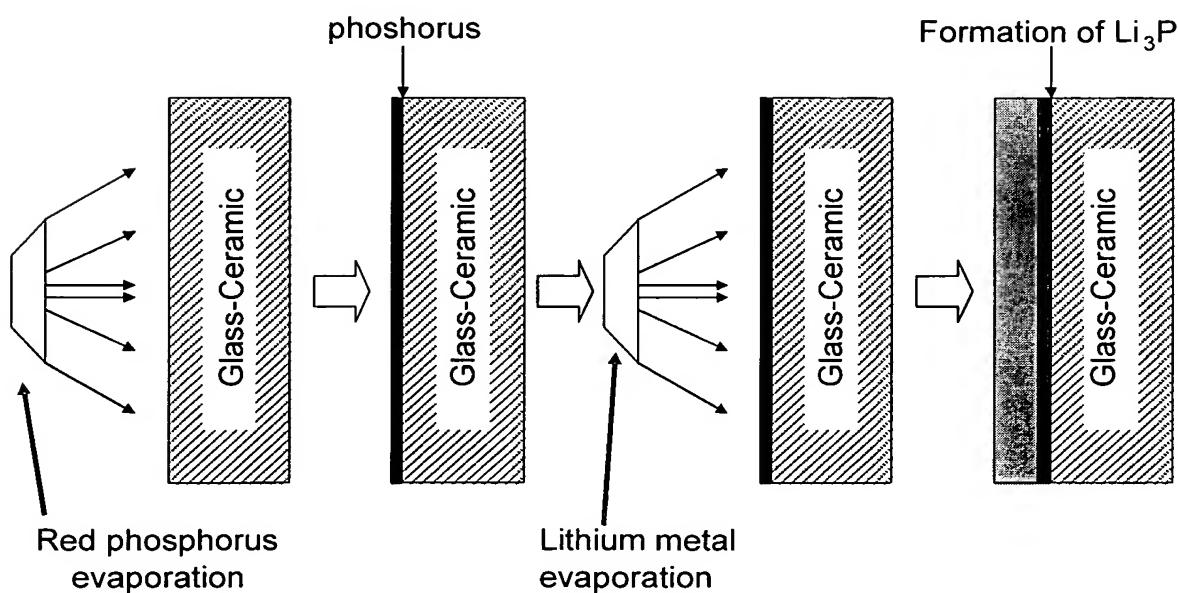


FIG. 4B

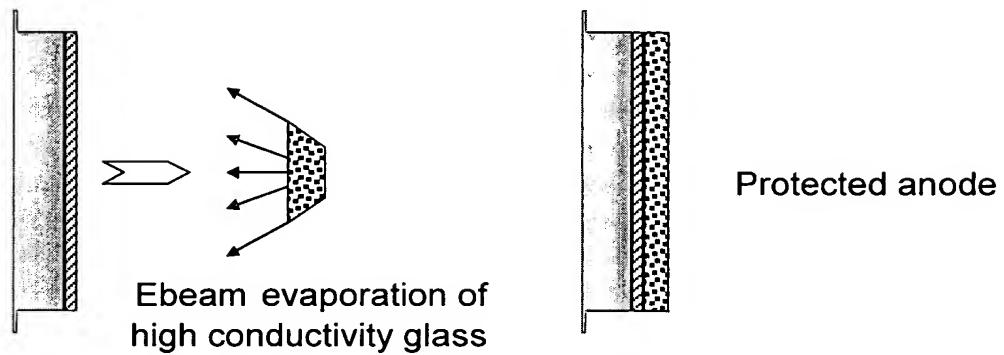
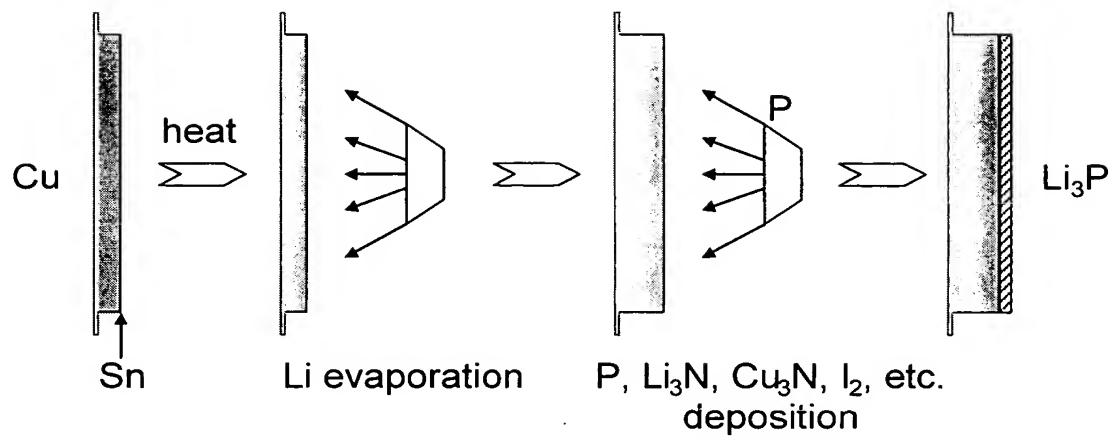


FIG. 5

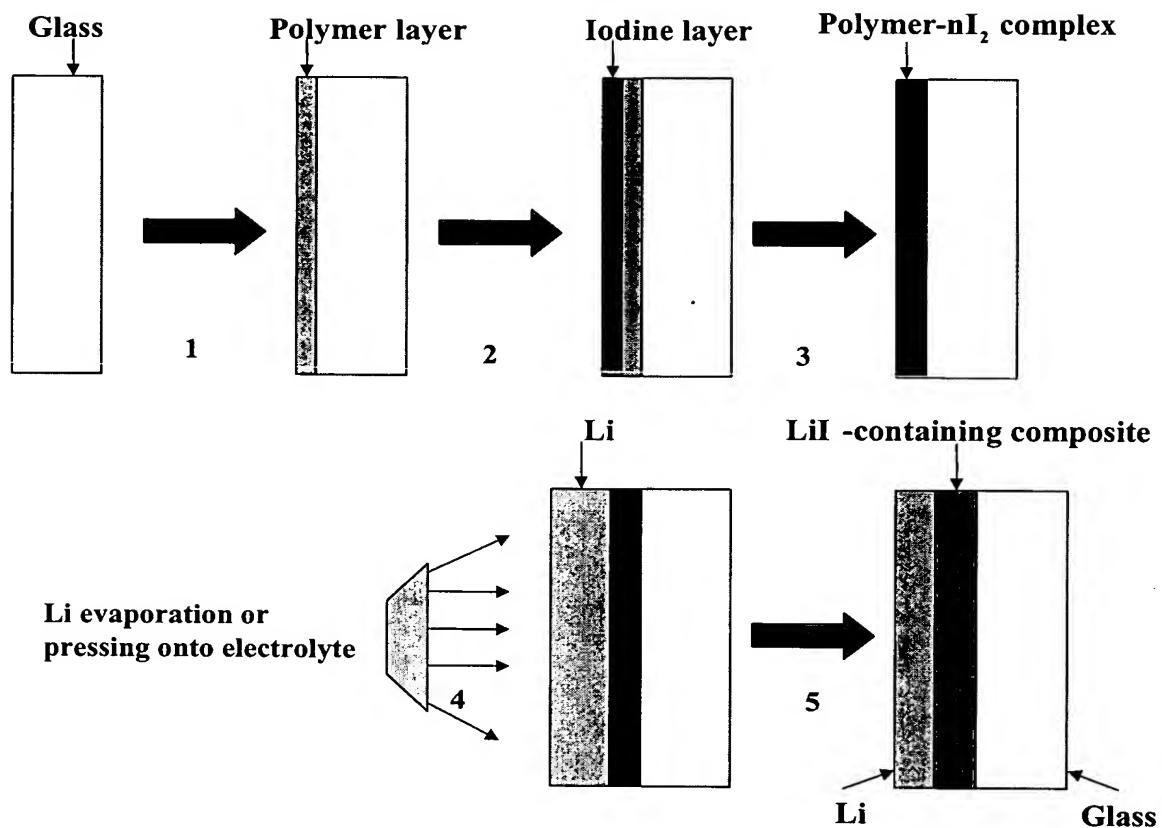


FIG. 6A

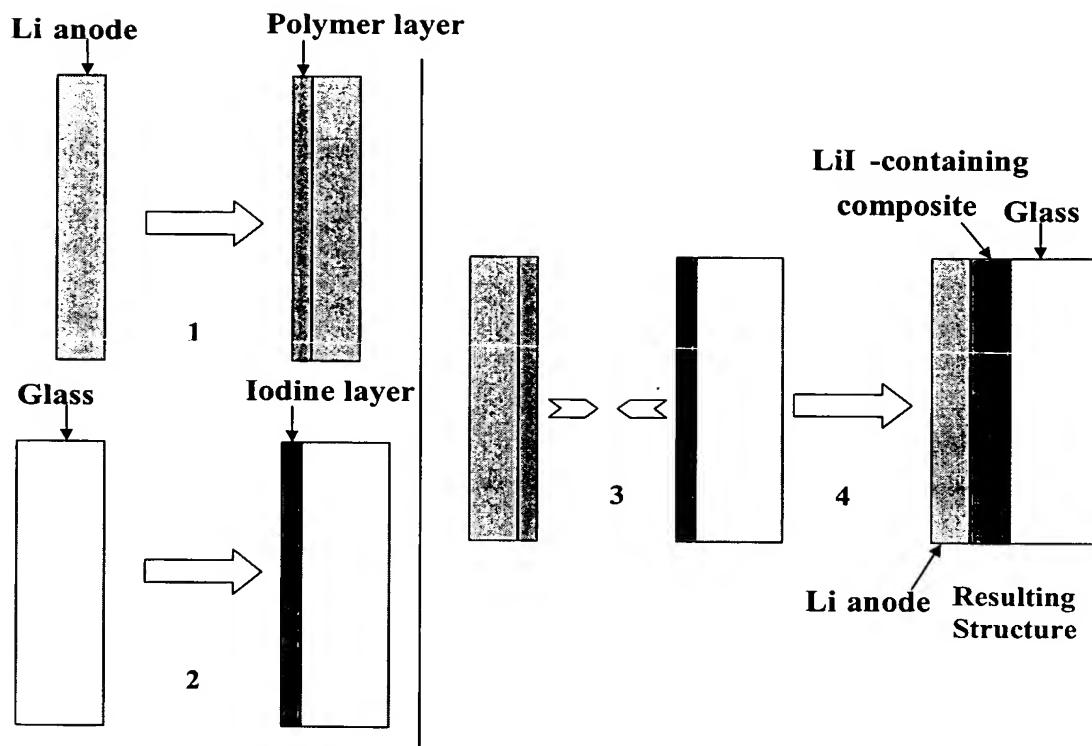


FIG. 6B

Impedance Plot for Solid-State Cell:
Li | LiPON | Cu

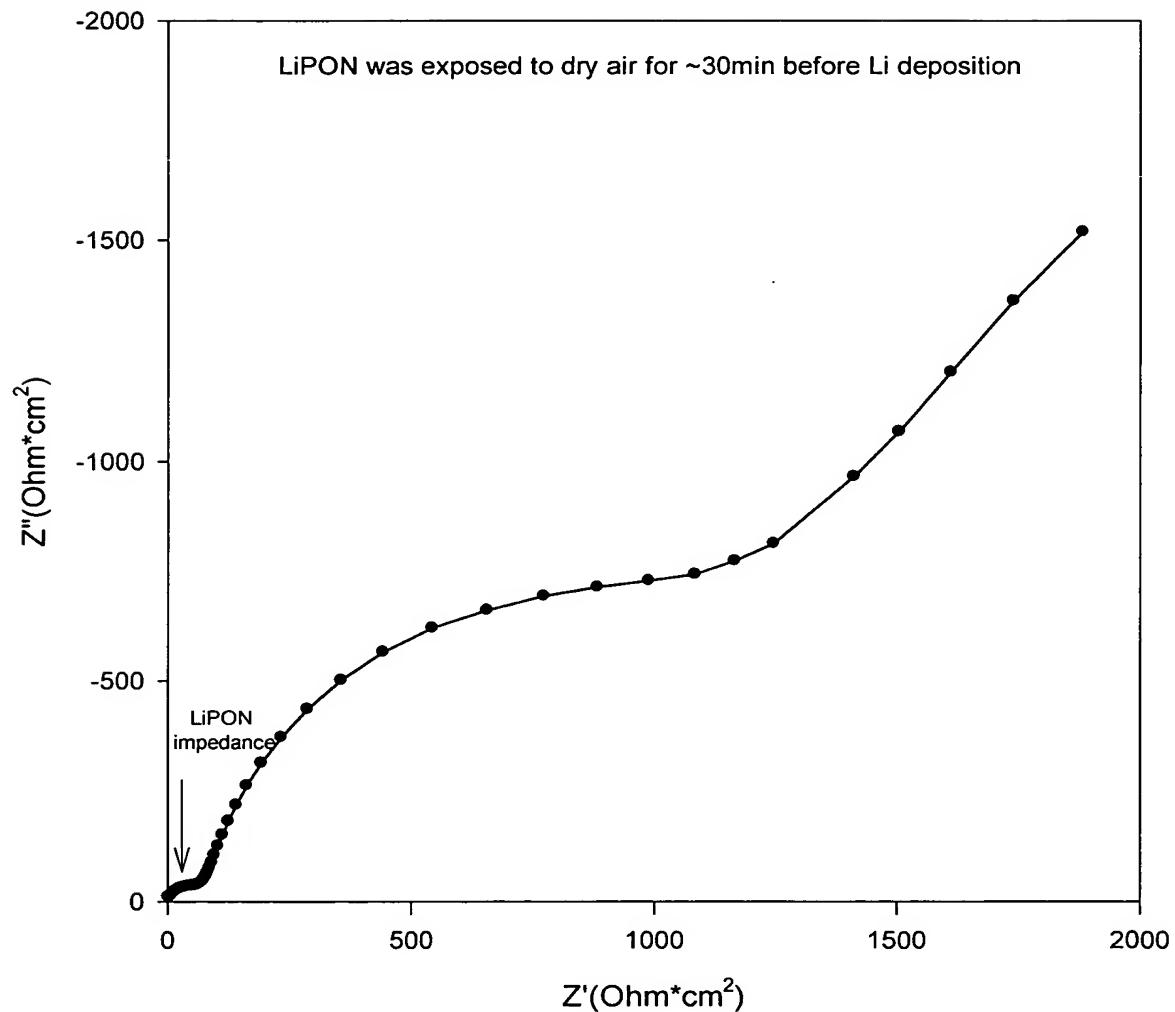


FIG. 7A

Impedance Plot for Solid-State Cell: Li |Cu₃N|LiPON | Cu
LiPON surface is protected with in situ formed Li₃N

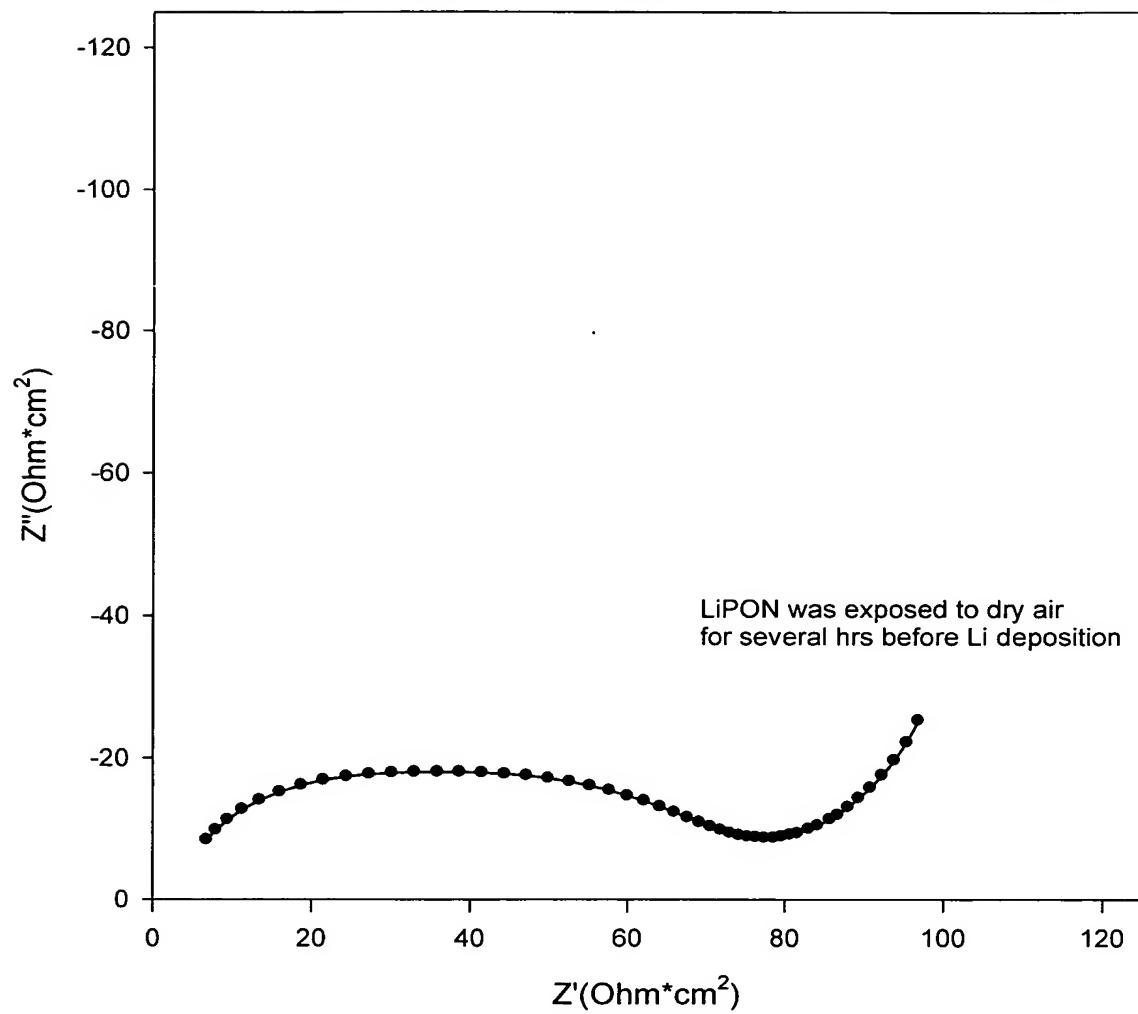


FIG. 7B

**Impedance Plot for Solid-State Cell:
Li | OHARA plate | Au**

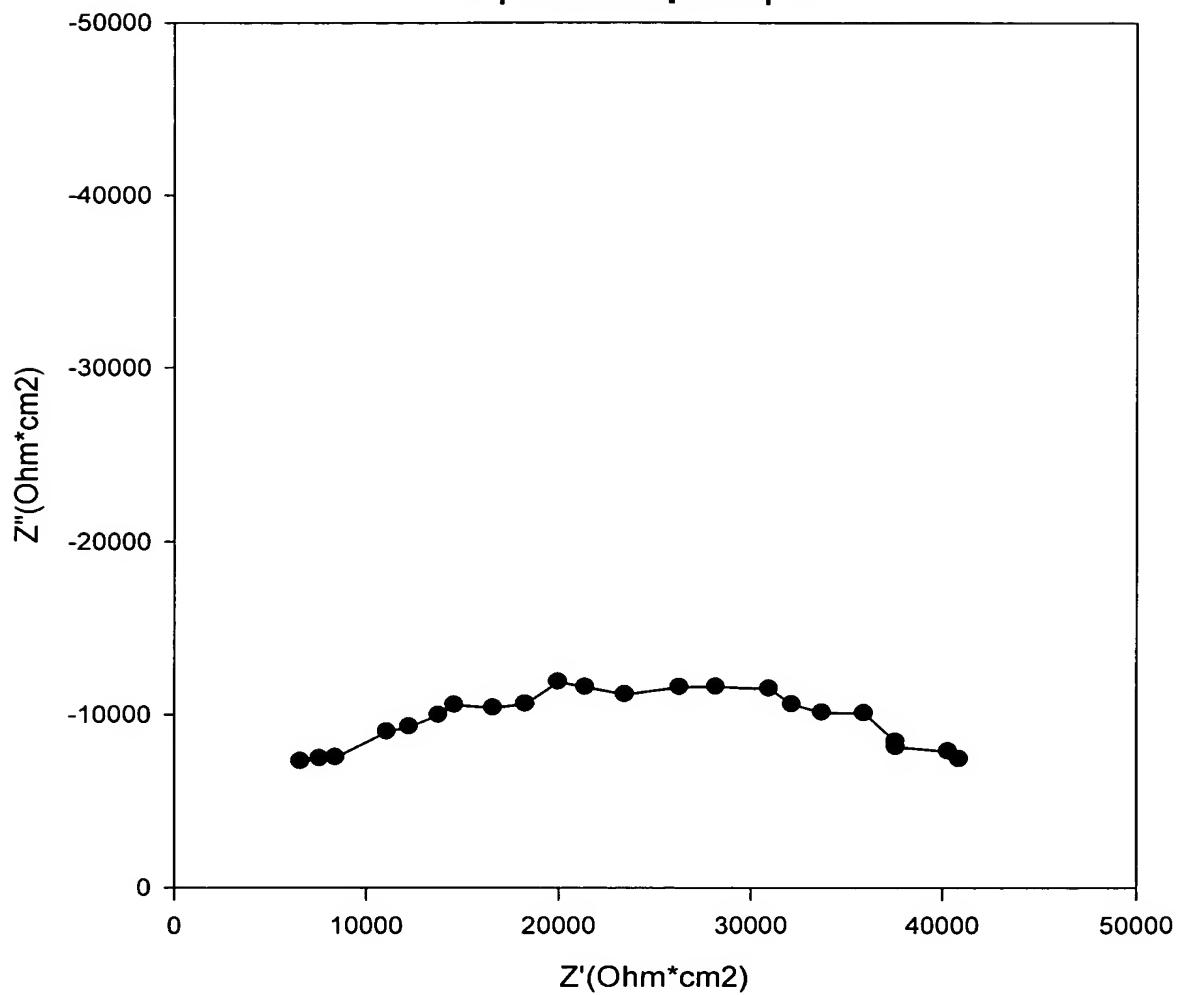


FIG. 8A

Impedance Plot for Solid-State Cell:
Li | Cu₃N | OHARA plate | Au

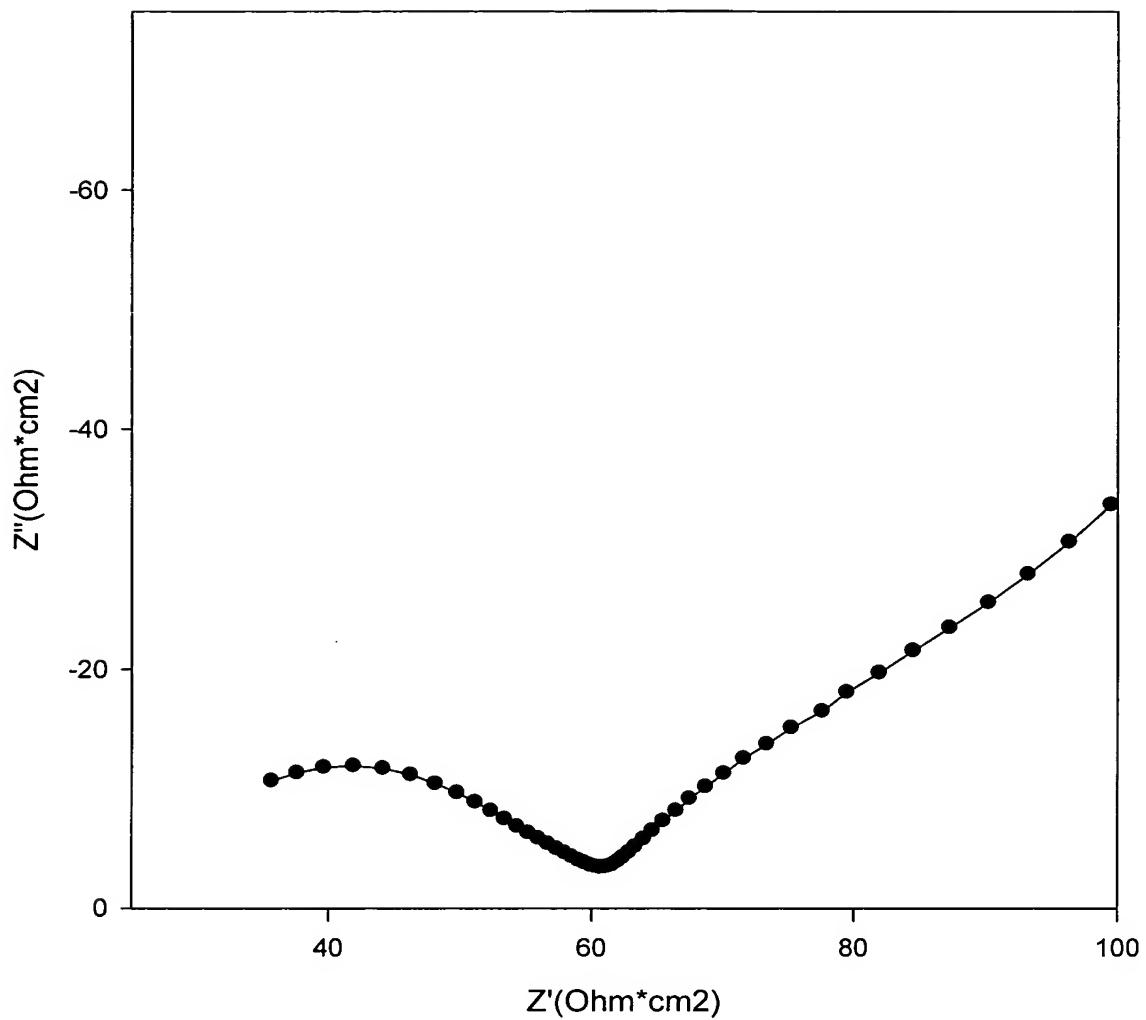


FIG. 8B

**Impedance Plot for Cells Having Unprotected
and Cu_3N -protected OHARA Material**

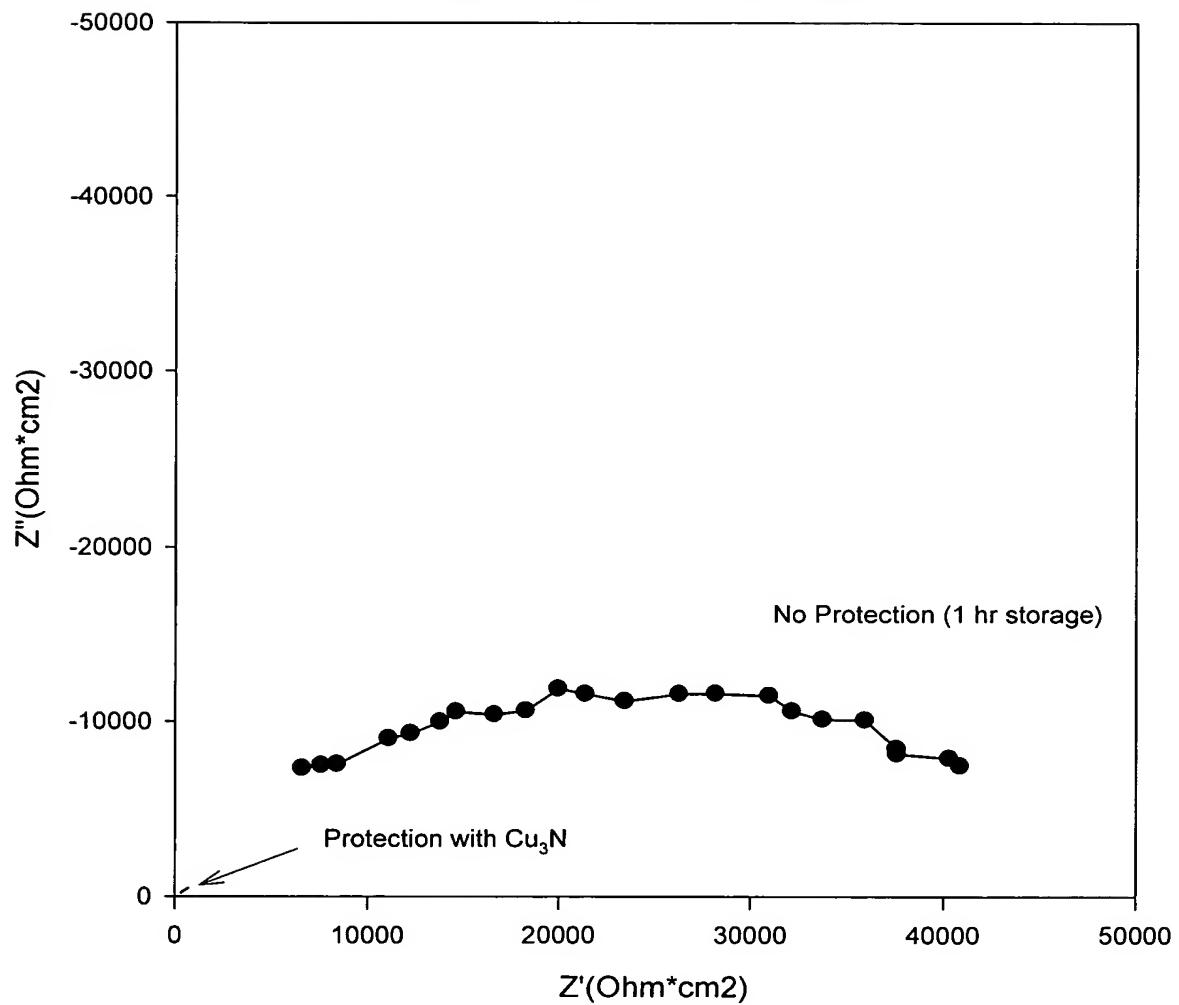


FIG. 8C

Cyclic Voltammetry for Solid State Cell:
Li | Cu₃N | OHARA plate | Au

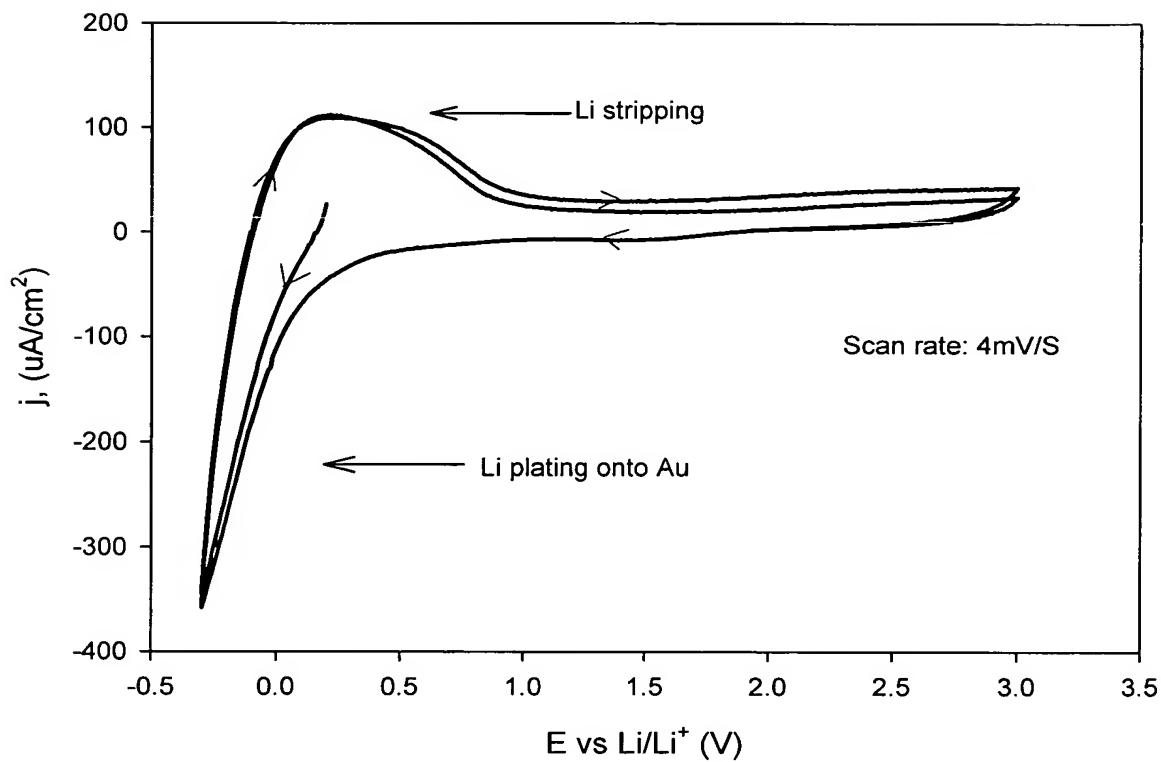


FIG. 8D